

Dissolved Oxygen Upstream Monitoring and Investigations Project  
San Luis Drain Shutoff Test  
July 23-30, 2007

During the first two years of the upstream Dissolved Oxygen (DO) study the San Luis Drain has been monitored for chlorophyll and EC. These data have been integrated into WARMF (Watershed Analysis Risk Management Framework) model for testing and calibration purposes. Through the July 23-30, 2007 period the San Luis Drain will be shut off for further calibration the model. Grab and continuous sampling will be conducted beginning July 10 and continue through September 4 for chlorophyll, nutrients, dissolved oxygen, EC, pH, temperature and flow.

Following is a tentative schedule of the shut off and sampling:

Date	Grab samples collected	Continuous data collected	Shut-off schedule
	nutrients, chlorophyll, physical, chemical	chlorophyll, DO, pH, EC, Temp	Flow reduction will be made by adding boards to the checks on the drain and by maximizing reuse in the Grassland Drainage Area. The flow at the outlet will be reduced as close as possible to zero for as close to seven days as possible. Flow will be measured at SLD outlet.
Monday, July 09, 2007			
Tuesday, July 10, 2007	yes	yes	
Wednesday, July 11, 2007		yes	
Thursday, July 12, 2007	yes	yes	
Friday, July 13, 2007		yes	
Saturday, July 14, 2007		yes	
Sunday, July 15, 2007		yes	
Monday, July 16, 2007		yes	
Tuesday, July 17, 2007	yes	yes	
Wednesday, July 18, 2007		yes	
Thursday, July 19, 2007	yes	yes	
Friday, July 20, 2007		yes	
Saturday, July 21, 2007		yes	
Sunday, July 22, 2007		yes	
Monday, July 23, 2007		yes	SLD off
Tuesday, July 24, 2007	yes	yes	SLD off
Wednesday, July 25, 2007		yes	SLD off
Thursday, July 26, 2007	yes	yes	SLD off
Friday, July 27, 2007		yes	SLD off
Saturday, July 28, 2007		yes	SLD off
Sunday, July 29, 2007		yes	SLD off
Monday, July 30, 2007		yes	SLD back on
Tuesday, July 31, 2007	yes	yes	
Wednesday, August 01, 2007		yes	
Thursday, August 02, 2007	yes	yes	

Friday, August 03, 2007		yes
Saturday, August 04, 2007		yes
Sunday, August 05, 2007		yes
Monday, August 06, 2007		yes
Tuesday, August 07, 2007	yes	yes
Wednesday, August 08, 2007		yes
Thursday, August 09, 2007	yes	yes
Friday, August 10, 2007		yes
Saturday, August 11, 2007		yes
Sunday, August 12, 2007		yes
Monday, August 13, 2007		yes
Tuesday, August 14, 2007		yes
Wednesday, August 15, 2007		yes
Thursday, August 16, 2007	yes	yes
Friday, August 17, 2007		yes
Saturday, August 18, 2007		yes
Sunday, August 19, 2007		yes
Monday, August 20, 2007		yes
Tuesday, August 21, 2007		yes
Wednesday, August 22, 2007		yes
Thursday, August 23, 2007		yes
Friday, August 24, 2007		yes
Saturday, August 25, 2007		yes
Sunday, August 26, 2007		yes
Monday, August 27, 2007		yes
Tuesday, August 28, 2007		yes
Wednesday, August 29, 2007		yes
Thursday, August 30, 2007	yes	yes
Friday, August 31, 2007		yes
Saturday, September 01, 2007		yes
Sunday, September 02, 2007		yes
Monday, September 03, 2007		yes
Tuesday, September 04, 2007		yes